



## **AGK Monoclonal Antibody**

Catalog No         BYmab-04998           Isotype         IgG           Reactivity         Human;Mouse           Applications         WB           Gene Name         AGK MULK           Protein Name         Acylglycerol kinase, mitochondrial (hAGK) (EC 2.7.1.107) (EC 2.7.1.94) (Multiple substrate lipid kinase)           Immunogen         Synthesized peptide derived from human protein . at AA range: 330-410           Specificity         AGK Monoclonal Antibody detects endogenous levels of protein.           Formulation         Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Observed Band         46kD           Cell Pathway         Miltochondrion inner membrane; Peripheral membrane protein. Mitochondrion intermembrane space, Localizes in the mitochondrion intermembrane space, where it associates with the inner membrane (PubMed:28712724). It is unclear whether the N-terminal hydrophobic region forms a transmembrane region or associates with the membrane without crossing it (PubMed:28712724). It is unclear whether the N-terminal hydrophob		
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Nanjing BYabscience technology Co.,Ltd

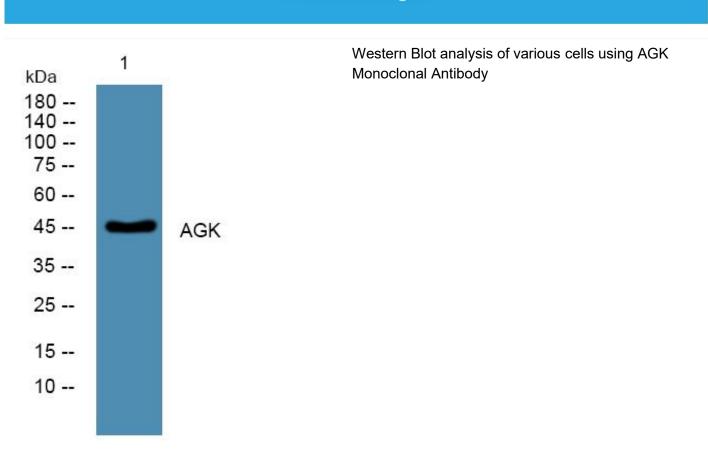


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	pathway, leading to increased cell growth.,miscellaneous:Overexpressed in prostate cancer, suggesting that it may play a role in initiation and progression of prostate cancer, processes in which LPA plays key roles.,pathway:Lipid metabolism; glycerolipid metabolism.,similarity:Contains 1 DAGKc domain.,tissue specificity:Highly expressed in muscle, heart, kidney and br
Background	The protein encoded by this gene is a mitochondrial membrane protein involved in lipid and glycerolipid metabolism. The encoded protein is a lipid kinase that catalyzes the formation of phosphatidic and lysophosphatidic acids. Defects in this gene have been associated with mitochondrial DNA depletion syndrome 10. [provided by RefSeq, Feb 2012],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



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